

SEQUENCE LISTING

<110> Evans, Thomas
Xu, Ming-Qun

<120> Intein-Mediated Protein Ligation Of Expressed Proteins

<130> NEB-154

<140>
<141>

<160> 24

<170> PatentIn Ver. 2.0

<210> 1
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 1
tcgaggcaac caaccctgc gtatccggtg acaccattgt aatgactagt ggcggtccgc 60
gcactgtggc tgaactggag ggcaaaccgt tcaccgcac 99

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<211> 93
<212> DNA
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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

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ccggttggct gctcgccaca gttgtgtaca atgaagccat tagcagtgaa tgcgctagca 60
ccgtaaacag tagcgtcata aacatcctgg cgg 93

<210> 3
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 3
tgattcgcgg ctctggctac ccatgcccct caggttctt ccgcacctgt gaacgtgacg 60
tatatgatct gcgtacacgt gagggtcatt gcttacgttt 100

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<212> DNA
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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 4
gaccatgat caccgtgttc tggtgatgga tggtggcctg gaatggcg 60
actggAACgc ggccgaccgccc tggtgatgga tgatgcagct 100

<210> 5
<211> 87
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 5
ggcgagtttc cgccactggc aacccctccgt ggcctgcgtg gcgctggccg ccaggatgtt 60
tatgacgcta ctgtttacgg tgcttagc 87

<210> 6
<211> 49
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 6
gcattcactg ctaatggctt cattgtacac aactgtggcg agcagccaa 49

<210> 7
<211> 100
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 7
ccagcgccac gcaggccacg gaagggttgcc agtgccggaa actcgccagc tgcacatcatcc 60
atcaccaggc ggtcgccgcg ttccagttca cccgcggcac 100

<210> 8
<211> 90
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 8
gccattccag gccaccatcc atcaccagaa cacggtgatc atgggtcaaa cgtaagcaat 60
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al
Cont

<210> 9
<211> 97
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

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cacgttcaca ggtgcggaag aaacctgagg ggcattggta gccagagccg cgaatcagt 60
cggtaacgg tttgcctcc agttcagcca cagtgcg 97

<210> 10
<211> 55
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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 10

cggaccgcga ctagtcatta caatgggtgc accggatacg caggggttgg ttgcc 55

<210> 11

<211> 45

<212> DNA

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Synthesized From Methanobacterium
thermoautotrophicum.

<400> 11

tcgaggcaac caacgcattgc gtatccggtg acaccattgt aatga 45

<210> 12

<211> 45

<212> DNA

<213> Artificial Sequence

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thermoautotrophicum.

<400> 12

ctagtcatta caatgggtgc accggatacg catgcgttgg ttgcc 45

<210> 13

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 13

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at
com*

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<400> 14
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<210> 15
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<212> DNA
<213> Artificial Sequence

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<210> 16
<211> 54
<212> DNA
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<210> 17
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thermoautotrophicum.

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<212> DNA
<213> Artificial Sequence

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Synthesized From Methanobacterium
thermoautotrophicum.

<400> 18
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<210> 19
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 19
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a
Cont
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<211> 28
<212> DNA
<213> Artificial Sequence

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Synthesized From Methanobacterium
thermoautotrophicum.

<400> 20
ccggccccgg gctgctcgcc gcatgcgt 28

<210> 21
<211> 14
<212> PRT
<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<220>

<223> At position 12, "Xaa" = any amino acid

<400> 21

Thr Leu Glu Gly Cys Gly Glu Gln Pro Thr Gly Xaa Leu Lys
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<210> 22

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 22

Cys Gly Glu Gln Pro Thr Gly
1 5

<210> 23

<211> 462

<212> DNA

<213> Artificial Sequence

A
Cont
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<223> Description of Artificial Sequence: Chemically
Synthesized From Methanobacterium
thermoautotrophicum.

<400> 23

caactcggga ggata gagggc aacca acccc ttttatccg gtgacaccat tgtaatgaca 60
tccgggggtc cgccgacagt ggctgaactg gaggcaagc ctttcaccgc acttattcagg 120
ggctcagggt acccctgccc ctcaggttc ttcaaggatct gtgaacggga cgtatatgtat 180
cttagaacca gggagggtca ttgcttaagg ttgacccatg atcacagggc ctttgtaatg 240
gatgggtggtc tggaatggcg tgccgccgt gaacctgaaa ggggagaccg ctttgtatg 300
gatgatgctg caggggagtt tccggcactt gcaaccttca gaggcctcag gggcgccggc 360
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thermoautotrophicum.

<400> 24

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ccatgcccct caggttctt ccgcacctgt gaacgtgacg tatatgatct gcgtacacgt 180
gagggtcatt gcttacgttt gacccatgat caccgtgttc tggtgatgga tggtggcctg 240
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ggcgagtttc cggcactggc aaccccttgcg ggcctgcgtg ggcgtggccg ccaggatgtt 360
tatgacgcta ctgtttacgg tgcttagcgca ttcaactgcta atggcttcat tgtacacaac 420
tgtggcgagc agccaaccgg tgaattc 447

Al
CMJ

